

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SEAL ASSEMBLY FOR TURBINE, BUCKET/TURBINE INCLUDING SAME, METHOD FOR SEALING INTERFACE BETWEEN ROTATING AND STATIONARY COMPONENTS OF A TURBINE

the specification of which (check applicable box(es)):

☒ is attached hereto

☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_

(Atty. Dkt. No. 839-1446)

☐ was filed as PCT International application No. \_\_\_\_\_ on \_\_\_\_\_

and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number

Country

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):

Application Serial No.

Day/Month/Year Filed

Status: patented  
pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all correspondence in this matter be directed to:

Customer Number: 30024

1.	Inventor's Signature: <u>Bernard Arthur Couture</u>	Date: <u>10/31/03</u>
	Inventor: Bernard Arthur Couture	United States
	(first) MI (last)	(citizenship)
	Residence: (city) Schenectady (state/country) New York	
	Mailing Address: 5175 Woodlawn Drive, Schenectady, New York	
	(Zip Code) 12303	
2.	Inventor's Signature: <u>Farshad Ghasripor</u>	Date: <u>10/30/03</u>
	Inventor: Farshad Ghasripor	United Kingdom
	(first) MI (last)	(citizenship)
	Residence: (city) Scotia (state/country) New York	
	Mailing Address: 5 Pinewood Drive, Scotia, New York	
	(Zip Code) 12302	
3.	Inventor's Signature: <u>Mark William Kowalczyk</u>	Date: <u>11/3/03</u>
	Inventor: Mark William Kowalczyk	United States
	(first) MI (last)	(citizenship)
	Residence: (city) Amsterdam (state/country) New York	
	Mailing Address: 1997 County Highway 107, Amsterdam, New York	
	(Zip Code) 12010	

[ ] See attached sheet(s) for additional inventor(s) information!!

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

COUTURE et al.

Atty. Ref.: 839-1446

Serial No. To Be Assigned

Group: Not Yet Assigned

Filed: Concurrently Herewith

Examiner: Not Yet Assigned

For: SEAL ASSEMBLY FOR TURBINE, BUCKET/TURBINE  
INCLUDING SAME, METHOD FOR SEALING  
INTERFACE BETWEEN ROTATING AND  
STATIONARY COMPONENTS OF A TURBINE

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.


**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

11/11/2003 By:   
Date Name: Ernest G. Cusick  
Title: Patent Counsel

Attachment: Copy of Assignment

**ASSIGNMENT**

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, Bernard Arthur Couture, Farshad Ghasripoor, and Mark William Kowalczyk, of 5175 Woodlawn Drive, Schenectady, New York 12303; 5 Pinewood Drive, Scotia, New York 12302; and 1997 County Highway 107, Amsterdam, New York 12010, respectively, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled SEAL ASSEMBLY FOR TURBINE, BUCKET/TURBINE INCLUDING SAME, METHOD FOR SEALING INTERFACE BETWEEN ROTATING AND STATIONARY COMPONENTS OF A TURBINE and 132810

☒ signed as of even date,

☐ signed as of \_\_\_\_\_, or

☐ filed on \_\_\_\_\_ having Serial Number \_\_\_\_\_

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

**COPY**

COPY

Bernard Arthur Couture  
Bernard Arthur Couture

11/4/03  
Date

Witnessed by:

Name: (Signature) Date: 11/4/03  
Signature of witness

Flor Rivas  
Printed name of witness

Name: (Signature) Date: 11/04/03  
Signature of witness

Shane Mitchell  
Printed name of witness

STATE OF New York

ss):

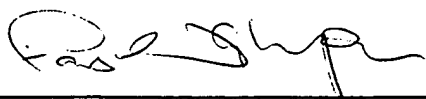
COUNTY OF Schenectady

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named, Bernard Arthur Couture, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

My Commission Expires: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

COPY



Farshad Ghasripoor

 10/30/03 **COPY**  
 Date

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of witness

Printed name of witness

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of witness

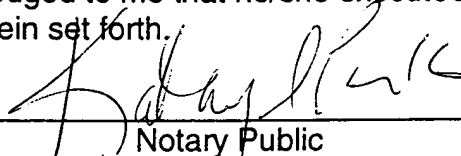
Printed name of witness

STATE OF New York

ss):

COUNTY OF Schenectady

This 30<sup>th</sup> day of October, 2003, before me personally came the above-named, Farshad Ghasripoor, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Notary Public

My Commission Expires:

December 31, 2006

KATHY L. PAUL  
 Notary Public in the State of New York  
 Residing in Schenectady County  
 Commission Expires December 31, 2006

**COPY**

Mark William Kowalczyk  
 Mark William Kowalczyk

11/4/03 **COPY**  
 Date

Witnessed by:

Name: Shane Mitchell Date: 11-04-03  
 Signature of witness

Shane Mitchell  
 Printed name of witness

Name: Flor Rivas Date: 11/04/03  
 Signature of witness

Flor Rivas  
 Printed name of witness

STATE OF New York)

ss):

COUNTY OF Schenectady)

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named, Mark William Kowalczyk, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
 Notary Public

My Commission Expires: \_\_\_\_\_

**COPY**